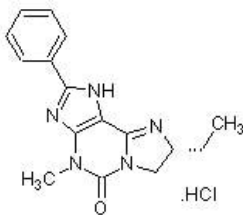


## Product datasheet

# PSB 11 hydrochloride, competitive human A3 receptor antagonist ab120995

[1 References](#) [1 Image](#)

### Overview

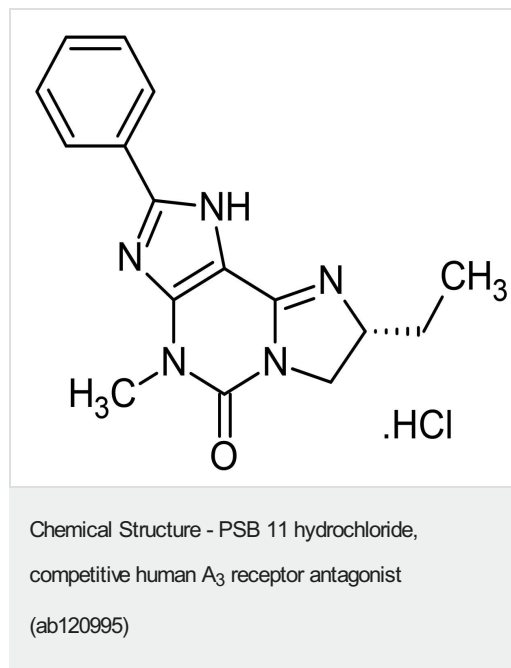
<b>Product name</b>	PSB 11 hydrochloride, competitive human A3 receptor antagonist
<b>Description</b>	Potent, selective, competitive human A <sub>3</sub> receptor antagonist
<b>Purity</b>	> 99%
<b>CAS Number</b>	453591-58-7
<b>Chemical structure</b>	

### Properties

<b>Chemical name</b>	(R)-8-Ethyl-3,4,7,8-tetrahydro-4-methyl-2-phenyl-5H-imidazo[2,1- <i>i</i> ]purin-5-one hydrochloride
<b>Molecular weight</b>	331.80
<b>Molecular formula</b>	C <sub>16</sub> H <sub>17</sub> N <sub>5</sub> O.HCl
<b>PubChem identifier</b>	16759152
<b>Storage instructions</b>	Store at -20°C. Store In the Dark. Store under desiccating conditions. This product is air and light sensitive and impurities can occur as a result of air oxidation or due to metabolism by microbes.
<b>Solubility overview</b>	Soluble in DMSO to 25 mM
<b>Handling</b>	Wherever possible, you should prepare and use solutions on the same day. However, if you need to make up stock solutions in advance, we recommend that you store the solution as aliquots in tightly sealed vials at -20°C. Generally, these will be useable for up to one month. Before use, and prior to opening the vial we recommend that you allow your product to equilibrate to room temperature for at least 1 hour.  Need more advice on solubility, usage and handling? Please visit our <a href="#">frequently asked questions (FAQ) page</a> for more details.
<b>SMILES</b>	<chem>Cl.O=C2N(C)c3nc(nc3C1=N[C@@H](CN12)CC)c4ccccc4</chem>
<b>Source</b>	Synthetic

## Images

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2D chemical structure image of ab120995, PSB 11 hydrochloride,  
competitive human A<sub>3</sub> receptor antagonist

**Please note:** All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES, NOT FOR USE IN HUMANS"

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- Extensive multi-media technical resources to help you
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